

Substitute for form 1449/PTO  <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 0;">(Use as many sheets as necessary)</p>			<b>Complete if Known</b>	
Sheet	1	of	2	Application Number 10/502,259  Filing Date July 21, 2004  First Named Inventor Patrick A. M. van Buggenum  Art Unit 1617  Examiner Name Barbara P. Badio  Attorney Docket Number 2002.712 US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
	1.	2002/0032180	03-14-2002	M. Tanabe, et al.	
	2.	3,798,213	03-19-1974	Merck & Co.	
	3.	6,281,205	08-28-2001	SRI International	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>2</sup> -Kind Code <sup>2</sup> (if known)				
	4.	DE 4,018,828	05-12-1999	Schering AG		✓
	5.	EP 0,262,201	02-27-1991	Schering AG		✓
	6.	WO 99/33859	07-08-1999	SRI International		
	7.	WO 99/67271	12-29-1999	Akzo Nobel N.V.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WFO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	8.	English-language abstract of EP 0,262,201 on cover sheet of WO1987/006237.	
	9.	Machine translation of DE 4,018,828.	
	10.	Machine translation of EP 0,262,201.	
	11.	"Tibolone (Livial). A new steroid for the menopause," <i>Drug Ther. Bull.</i> 29 (1991) 77-78.	
	12.	Grunwell et al., "ANTIPOGESTATIONAL AGENTS. THE SYNTHESIS OF 7-ALKYL STEROIDAL KETONES WITH ANTI-IMPLANTATIONAL AND ANTIDECIDUAL ACTIVITY," <i>Steroids</i> 27 (1976) 759-771.	
	13.	Künzer et al., "A NEW, STEREOSELECTIVE APPROACH TO C(7)-ALKYLATED ESTRA-1,3,5(10)-TRIENE DERIVATIVES," <i>Tetrahedron Lett.</i> 35 (1994) 1691-1694.	
	14.	Modi, SP, et al., "J. Org. Chem.", 1989; 54:2317-2321.	
	15.	Moore, RA, "Systematic and economical review for Livial," in: Rymer, J. (ed.), "Livial A review of clinical studies," <i>Br. J. Gynaecol.</i> 106 (3 Suppl.) (1999) 19.	
	16.	Morali et al., <i>Biology of Reproduction</i> 49 (1993) 577-581.	
	17.	O'Reilly et al., <i>J. Med. Chem.</i> 38 (1995) 2842.	
	18.	OGAWA et al., "Effects of Testosterone and 7 $\alpha$ -Methyl-19-Nortestosterone (MENT) on Sexual and Aggressive Behaviors in Two Inbred Strains of Male Mice," <i>Hormones and Behavior</i> 30 (1996) 74-84.	

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Examiner Name			Barbara P. Badio	
Attorney Docket Number			2002.712 US	

Sheet	2	of	2
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	19.	Pavlov et al., "Double-blind, placebo-controlled study of the effects of tibolone on bone mineral density in postmenopausal osteoporotic women with and without previous fractures," <i>Gynecol. Endocrinol.</i> 13 (1999) 230-237.	
	20.	Robbins et al., "Androgen Regulates mRNA Levels of its Receptor in the Preoptic Area/Hypothalamus of the Mouse," <i>Society for Neuroscience Abstracts</i> 20 (part 1) (1994) 376.	
	21.	Sundaram et al., "7 $\alpha$ -Methyl-Nortestosterone (MENT): The Optimal Androgen for Male Contraception," <i>Annals of Medicine</i> 25 (1993) 199-205.	
	22.	Tedesco et al., "An Expedient Route to 7 $\alpha$ -Substituted Estradiol Derivatives," <i>Tetrahedron Lett.</i> 38 (1997) 7997-8000.	
	23.	van Vliet et al., "An Alternative Synthesis of 17 $\beta$ -hydroxy-7 $\alpha$ -methyl-19-nor-17 $\alpha$ -pregn-5(10)-en-20-yn-3-one (Org OD 14)," <i>Recl. Trav. Chim. Pays-Bas</i> 105 (1986) 111-115.	
	24.	Wettstein, A., "Steroids. XXIV. The $\Delta$ 4,6-3-ketones of the androstane and pregnane series," <i>Helv. Chim. Acta</i> 23 (1940) 388, with English language abstract attached.	✓

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